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**CLAIM LISTING**

A listing of the entire set of claims 1-54 is submitted herewith per 37 CFR 1.121. This listing of claims 1-54 will replace all prior versions, and listings, of claims in the application.

1-27 (Cancelled)

28. (Previously Presented) A method of controlling an operation of a switched-reluctance motor including a rotor having a rotor pole and a stator having a stator pole, said method comprising:

aligning the rotor pole and the stator pole in response to a reception of an actuation command; and

subsequent to the aligning of the rotor pole and the stator pole, preliminarily cranking the rotor in a direction as dictated by the actuation command for a predetermined time period to thereby facilitate a subsequent rotation of the rotor to a holding position.

29. (Previously Presented) The method of claim 28, further comprising:

rotating the rotor to the holding position upon an expiration of the predetermined time period.

30. (Previously Presented) The method of claim 29, further comprising:

minimizing any current losses of the switched-reluctance motor subsequent to rotating the rotor to the holding position.

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31. (Previously Presented) The method of claim 29, further comprising:  
minimizing any heating losses of the switched-reluctance motor subsequent to rotating the rotor the holding position.
32. (Previously Presented) A method for controlling an alignment of a rotor pole and a stator pole of a switched-reluctance motor, said method comprising:  
identifying a first phase of the motor as a target phase defining an initial position of the rotor pole that corresponds to the alignment of the rotor pole and stator pole; and  
subsequent to identifying the first phase of the motor as the target phase, exclusively exciting a second phase of the motor and the first phase of the motor in a sequential manner to thereby rotate the rotor pole to the initial position, the second phase being adjacent the first phase.
33. (Previously Presented) A method for controlling an alignment of a rotor pole of a switched reluctance motor to a target position between a first phase of the motor and a second phase of the motor, said method comprising:  
aligning the first phase of the motor to thereby align the rotor pole to a stator pole adjacent the target position; and  
subsequent to aligning the first phase of the motor, concurrently exciting a third phase of the motor and a fourth phase of the motor to hereby align the rotor pole to the target position.

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34. (Previously Presented) A method for controlling a rotation of a rotor of a switched-reluctance motor in a desired direction from pre-alignment position, said method comprising:

cyclically exciting a plurality of phases of the switched-reluctance motor in a sequential manner to thereby crank the rotor in the desired direction from the pre-alignment position; and

subsequent to cyclically exciting a plurality of phases of the switched-reluctance motor in a sequential manner, rotating the rotor in the desired direction to a holding position.

35. (Previously Presented) A method for controlling a minimization of any heat losses by a switched-reluctance motor having a rotator in a holding position, said method comprising:

rotating the rotor from a pre-alignment position to the holding position; and  
dithering the rotor upon the rotor being in the holding position for a predetermined time period.

36. (Previously Presented) A method for controlling a minimization of any current losses by a switched-reluctance motor having a rotator in a holding position, said method comprising:

rotating the rotor from a pre-alignment position to the holding position; and  
subsequent to rotating from a pre-alignment position to the holding position, reducing an ampere level of a phase current corresponding to the holding position as a function of a motor torque corresponding to the holding position.

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37. (Previously Presented) A device of controlling an operation of a switched-reluctance motor including a rotor having a rotor pole and the stator having a stator pole, said device comprising:

means for aligning the rotor pole and the stator pole in response to a reception of an actuation command; and

means for subsequent to the aligning of the rotor pole and the stator pole, preliminarily cranking the rotor in a direction as dictated by the actuation command for a predetermined time period to thereby facilitate a subsequent rotation of the rotor to a holding position.

38. (Previously Presented) The device of claim 37, further comprising:

means for rotating the rotor to the holding position upon an expiration of the predetermined time period.

39. (Previously Presented) The device of claim 38, further comprising:

means for minimizing any current losses of the switch-reluctance motor subsequent to rotating the rotor to the holding position.

40. (Previously Presented) The device of claim 38, further comprising:

means for minimizing any heating losses of the switch-reluctance motor subsequent to rotating the rotor to the holding position.

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41. (Previously Presented) A device for controlling an alignment of a rotor pole and a stator pole of a switched-reluctance motor, said device comprising:

means for identifying a first phase of the motor as a target phase defining an initial position of the rotor pole that corresponds to the alignment of the rotor pole and the stator pole; and

means for subsequent to identifying the first phase of the motor as the target phase, exclusively exciting a second phase of the motor and the first phase of the motor in a sequential manner to thereby rotate the rotor pole to the initial position, the second phase being adjacent the first phase.

42. (Previously Presented) A device for controlling an alignment of a rotor pole of a switched-reluctance motor to a target position between a first phase of the motor and a second phase of the motor, said device comprising:

means for aligning the first phase of the motor to thereby align the rotor pole to a stator pole adjacent the target position; and

means for, subsequently to aligning the first phase of the motor, concurrently exciting a third phase of the motor and a fourth phase of the motor to thereby align the rotor pole to the target position.

43. (Previously Presented) A device for controlling a rotation of a rotor of a switched-reluctance motor in a desired direction from a pre-alignment position, said device comprising:

means for cyclically exciting a plurality of phases of the switched-reluctance motor in a sequential manner to thereby crank the rotor in the desired direction from the pre-alignment position; and

means for, subsequently to cyclically exciting a plurality of phases to the switched-reluctance motor in a sequential manner, rotating the rotor in the desired direction to a holding position.

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44. (Previously Presented) A device for controlling a minimization of any heat losses by a switched-reluctance motor having a rotor in a holding position, said device comprising:

means for rotating the rotor from a pre-alignment position to the holding position;

and

means for dithering the rotor upon the rotor being in the holding position for a predetermined time period.

45. (Previously Presented) A device for controlling a minimization of any current losses by a switched-reluctance motor having a rotor in a holding position, said device comprising:

means for rotating the rotor from a pre-alignment position to the holding position;

and

means for, subsequent to rotating the rotor from the pre-alignment position to the holding position reducing an ampere level of a phase current corresponding to the holding position as a function of a motor torque corresponding to the holding position.

46. (Previously Presented) A system, comprising:

a switched-reluctance motor including

a rotor having a rotor pole, and

a rotor having a stator pole;

means for aligning the rotor pole and the stator pole in response to a reception of an actuation command; and

means for, subsequent to the aligning of the rotor pole and the stator pole, preliminarily cranking the rotor in a direction as dictated by the actuation command for a predetermined time period to thereby facilitate a subsequent rotation to a holding position.

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47. (Previously Presented) The system of claim 37, further comprising:  
means for rotating the rotor to the holding position upon an expiration of the predetermined time period.
48. (Previously Presented) The system of claim 47, further comprising:  
means for minimizing any current losses of the switched-reluctance motor subsequent to rotating the rotor to the holding position.
49. (Previously Presented) The system of claim 47, further comprising:  
means for minimizing any heating losses of the switched-reluctance motor subsequent to rotating the rotor to the holding position.
50. (Previously Presented) A system comprising:  
a switched-reluctance motor including  
a rotor have a rotor pole, and  
a stator having a stator pole;  
means for identifying a first phase of the motor as a target phase defining an initial position of the rotor pole that corresponds to the alignment of the rotor pole and the stator pole; and  
means for, subsequent to identifying the first phase of the motor as the target phase, exclusively exciting a second phase of the motor and the first phase of the motor in a sequential manner to thereby rotate the rotor pole to the initial position, the second phase being adjacent the first phase.

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51. (Previously Presented) A system, comprising:  
a switched-reluctance motor including  
a rotor having a rotor pole, and  
a stator having a stator pole;  
means for aligning a first phase of the motor to thereby align the rotor pole to the  
stator pole adjacent a target position between a first phase of the motor and a second  
phase of the motor; and  
means for, subsequently to aligning the first phase of the motor, concurrently  
exciting a third phase of the motor and a fourth phase of the motor to thereby align the  
rotor pole to the target position.
52. (Previously Presented) A system, comprising:  
a switched-reluctance motor including a rotor;  
means for cyclically exciting a plurality of phases of the switched-reluctance  
motor in a sequential manner to thereby crank the rotor in the desired direction from a  
pre-alignment position; and  
means for, subsequently to cyclically exciting a plurality of phases of the  
switched-reluctance motor in a sequential manner, rotating the rotor in the desired  
direction to a holding position.
53. (Previously Presented) A system, comprising:  
a switched-reluctance motor including a rotor;  
means for rotating the rotor from a pre-alignment position to a holding position;  
and  
means for dithering the rotor upon the rotor being in the holding position for a  
predetermined time period.



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54. (Previously Presented) A system, comprising:  
a switched-reluctance motor including a rotor;  
means for rotating the rotor from a pre-alignment position to a holding position;  
and  
means for, subsequent to rotating the rotor from the pre-alignment position to the holding position, reducing an ampere level of a phase current corresponding to the holding position as a function of a motor torque corresponding to the holding position.